

**Amendments to the Specification:**

Please replace paragraph [0044] with the following amended paragraph:

[0044]       The phase-modulated signal outputted from carrier wave source 408 may then be inputted into each of a plurality of individual amplifying segments (418) in amplitude modulator 308. The magnitude control signal 416 may also be inputted to control amplifying segments (418) ~~(416)~~. These segments may comprise, for example, power amplifiers, although not limited thereto. Each of the power amplifying segments may or may not produce an output depending on the magnitude control signal received by it.